

chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

chain bonds :

1-2 2-3 3-4 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13

exact bonds :

1-2 2-3 3-4 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS7:CLASS8:CLASS9:CLASS
10:CLASS11:CLASS12:CLASS13:CLASS

fragments assigned product role:

containing 5

fragments assigned reactant/reagent role:

containing 1

FILE 'HOME' ENTERED AT 09:54:39 ON 23 FEB 2007

FILE 'CASREACT' ENTERED AT 09:55:02 ON 23 FEB 2007
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FILE CONTENT:1840 - 18 Feb 2007 VOL 146 ISS 8

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*
* CASREACT now has more than 12 million reactions
*

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=> Uploading C:\Program Files\Stnexp\Queries\10542890.str
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L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

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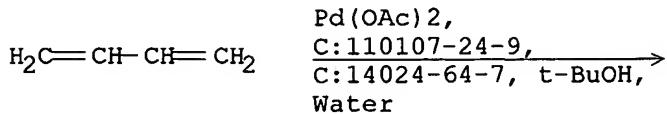
100.0% DONE 2497 VERIFIED 3 HIT RXNS 3 DOCS
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED VERIFICATIONS: 46948 TO 52932
PROJECTED ANSWERS: 3 TO 163

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L2 ANSWER 1 OF 3 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1

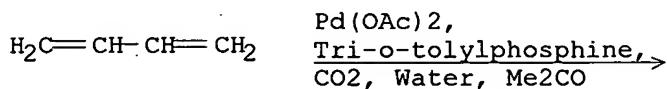


258

REF: Jpn. Kokai Tokkyo Koho, 09059193, 04 Mar 1997, Heisei

L2 ANSWER 2 OF 3 CASREACT COPYRIGHT 2007 ACS on STN

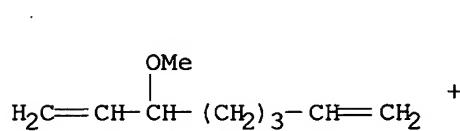
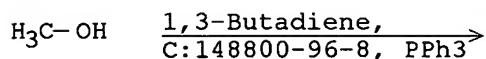
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 06287156, 11 Oct 1994, Heisei

L2 ANSWER 3 OF 3 CASREACT COPYRIGHT 2007 ACS on STN

RX(2) OF 2



STRUCTURE

DIAGRAM

IS NOT

AVAILABLE

26952-74-9

REF: Jpn. Kokai Tokkyo Koho, 04327594, 17 Nov 1992, Heisei
NOTE: 60.degree. under N₂

=> s 11 ful

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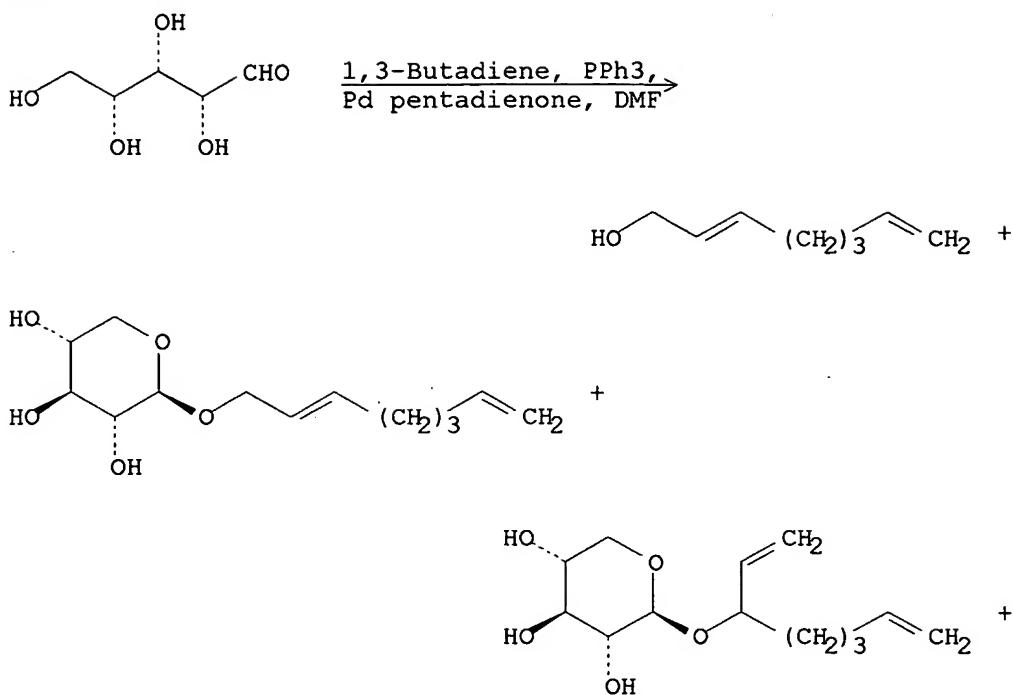
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SEARCH TIME: 00.00.07

68 DOCS

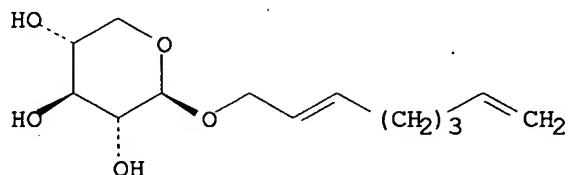
L3 68 SEA SSS FUL L1 (180 REACTIONS)

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RX(1) OF 11



RX(1) OF 11

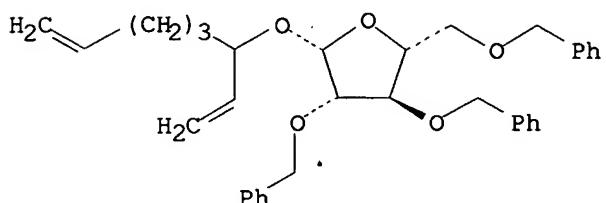
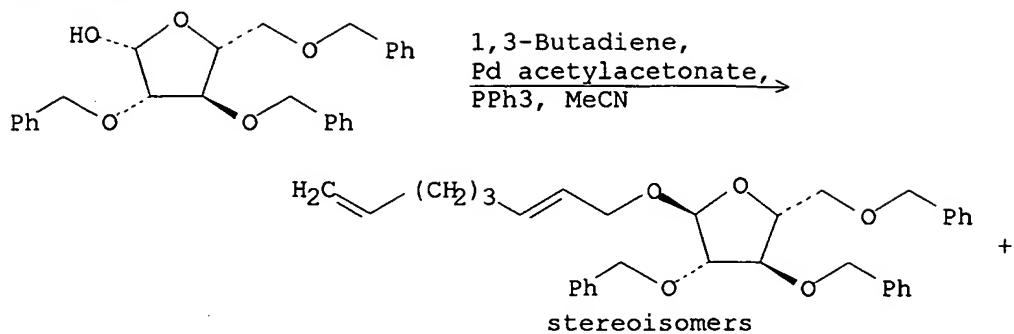


REF: Journal of Molecular Catalysis A: Chemical, 238(1-2), 199-206; 2005

NOTE: chemoselective, regioselective, stereoselective, 30:70 alpha:beta, 8:1 E:Z, optimization study, optimized on amount of butadiene, optimized on reaction time, product depends on reaction conditions

CON: 70 hours, 20 deg C

RX(1) OF 4

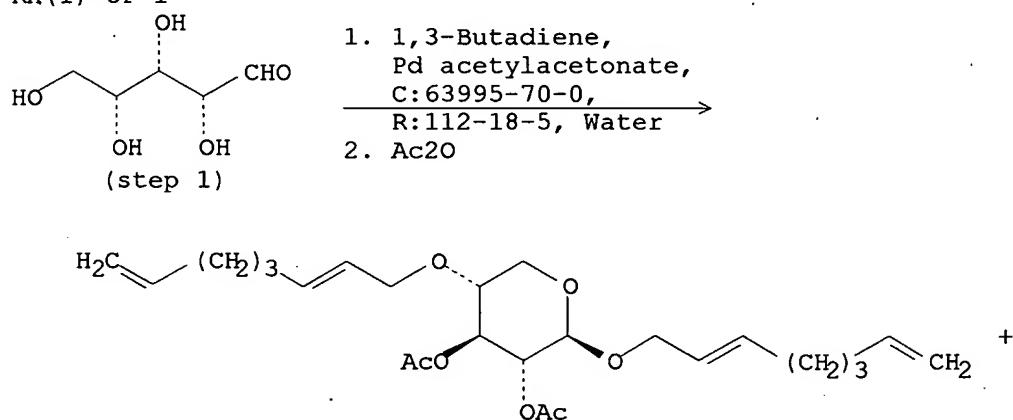


REF: Carbohydrate Research, 2006, 341(1), 153-159; 2005

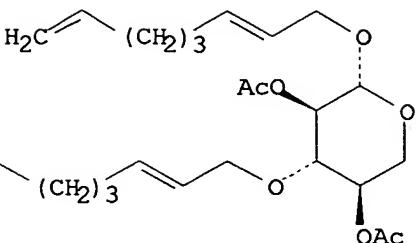
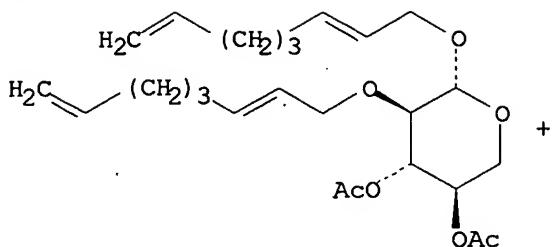
NOTE: 99% overall yield, alternative reaction conditions gave lower yield, autoclave used, optimization study
CON: 24 hours, 75 deg C

L3 ANSWER 3 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1



RX(1) OF 1



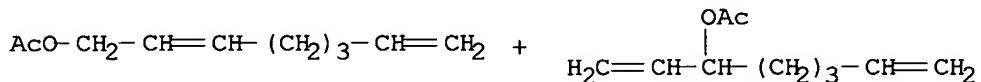
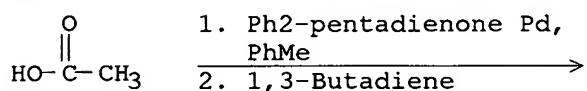
REF: Green Chemistry, 7(4), 219-223; 2005

NOTE: stereoselective, 83% conversion, Et₃N and DIPEA gave lower conversion, optimization study, optimized on base, reactant assumed in 2nd stage

CON: 45 minutes, 80 deg C

L3 ANSWER 4 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1



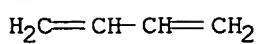
REF: U.S. Pat. Appl. Publ., 2005038305, 17 Feb 2005

NOTE: optimization study, regioselective

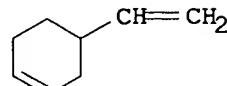
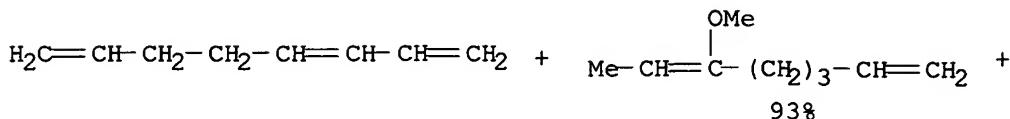
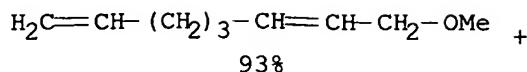
CON: STAGE(1) 0.17 hours, 25 deg C; 25 deg C -> -60 deg C
STAGE(2) 215 deg C; 8 hours, 25 deg C -> 60 deg C

L3 ANSWER 5 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(6) OF 28



MeOH, C:781673-24-3,
NaOMe



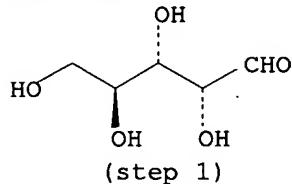
REF: Chemistry--A European Journal, 10(16), 3891-3900; 2004

NOTE: chemoselective, regioselective, alternative catalysts gave lower yields, stainless steel Parr autoclave used

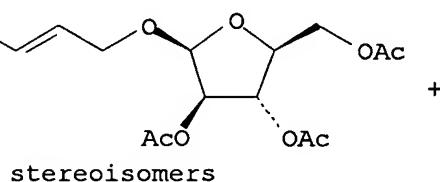
CON: STAGE(1) -78 deg C; -78 deg C -> 70 deg C; 16 hours, 70 deg C

L3 ANSWER 6 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

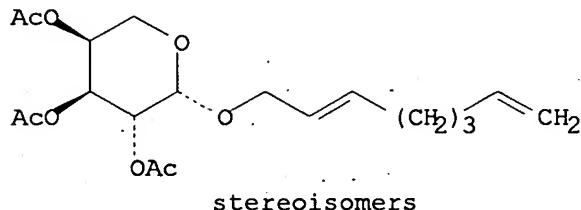
RX(2) OF 8



1. 1,3-Butadiene,
PPh₃,
Pd acetylacetonate,
Et₃N, DMF
2. Ac₂O, Pyridine



RX(2) OF 8

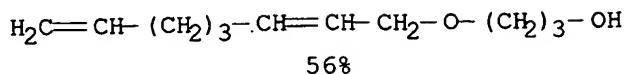
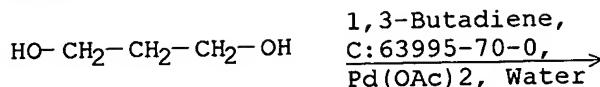


REF: European Journal of Organic Chemistry, (13), 2914-2922; 2004

NOTE: other products also detected, stereoselective, isomer mix; 86% overall yield ; selectivity depends on time, additive , cat. and amt. of amine and phosphine

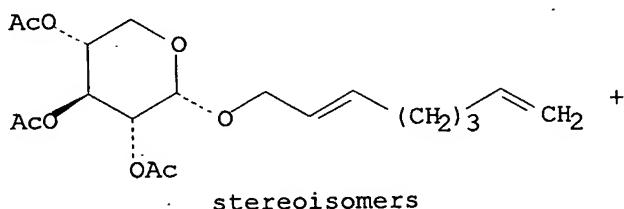
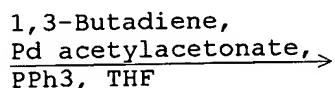
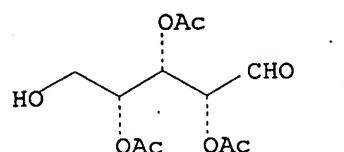
CON: STAGE(1) 45 minutes, 75 deg C; cooled
STAGE(2) 12 hours, room temperature

RX(1) OF 3

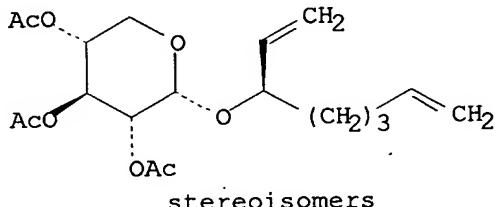


REF: Advanced Synthesis & Catalysis, 345(11), 1242-1246; 2003
 NOTE: autoclave used, other product also detected, yield depends on reaction conditions
 CON: 4 hours, 80 deg C, 10 bar \rightarrow 5 bar

RX(1) OF 5

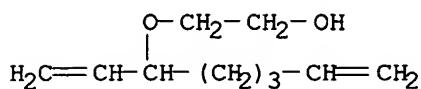
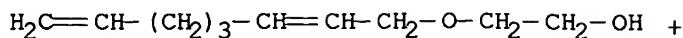
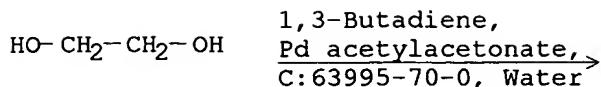


RX(1) OF 5



REF: European Journal of Organic Chemistry, (3), 511-520; 2004
 NOTE: regioselective, stereoselective, 49:51 alpha:beta, 97 % overall yield; autoclave used; optimization study; optimized on solvent used; other solvents (DMF, DCM and MeCN) gave lower yield and regioselectivity; yield proportions determined by GC;;%
 CON: 4 hours, 70 deg C

RX(3) OF 7



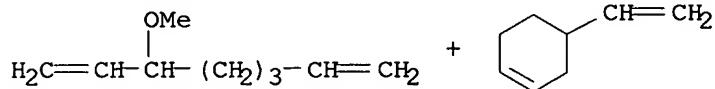
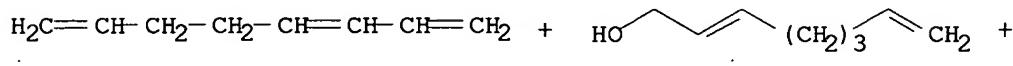
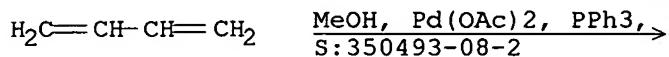
REF: Green Chemistry, 5(2), 198-204; 2003

NOTE: 75 % overall yield; green chem.-renewable feedstock; high pressure;
other products also detected; selective to monotelomers; stainless
steel autoclave used%

CON: STAGE(1) room temperature; room temperature -> 80 deg C; 4 hours,
80 deg C, 10 bar

L3 ANSWER 10 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 15



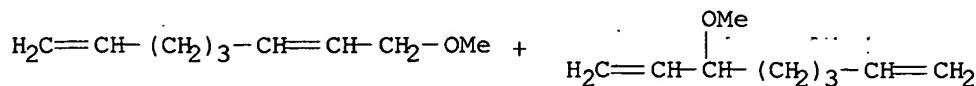
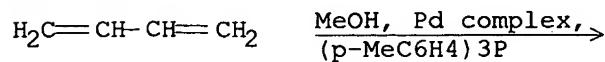
REF: Organometallics, 22(22), 4418-4425; 2003

NOTE: ionic liq., product distribution depends on solvent, ligand,
other products also detected, 100% conversion

CON: STAGE(1) -10 deg C; 1 hour, 85 deg C

L3 ANSWER 11 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(3) OF 6



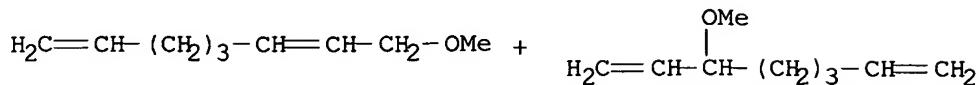
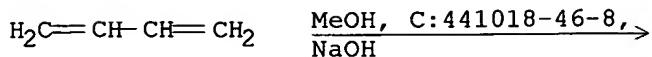
REF: European Journal of Organic Chemistry, (2), 274-283; 2003

NOTE: regioselective, other products also detected (butadiene dimers),
optimization study of catalyst

CON: STAGE(1) room temperature; room temperature -> -20 deg C;
-20 deg C; .75 hours, 60 deg C, 4 bar

L3 ANSWER 12 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

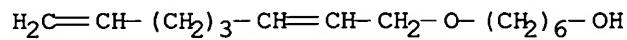
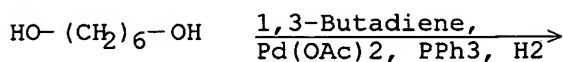
RX(1) OF 4



REF: Angewandte Chemie, International Edition, 41(6), 986-989; 2002
NOTE: 98% overall, chemoselective

L3 ANSWER 13 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

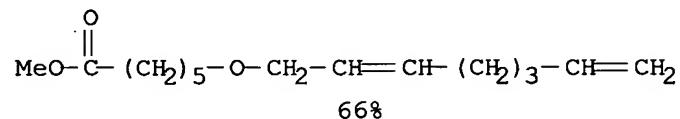
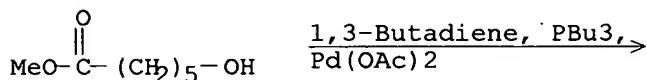
RX(5) OF 15



REF: Jpn. Kokai Tokkyo Koho, 2002020343, 23 Jan 2002

L3 ANSWER 14 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 10

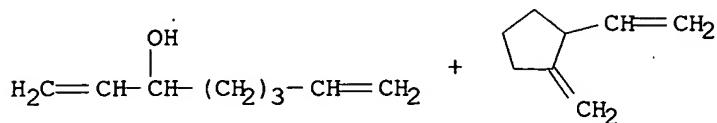
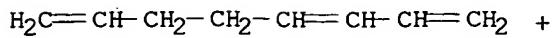
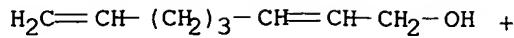
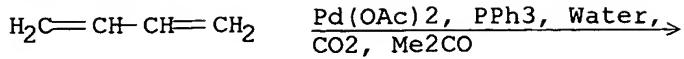


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REF: Jpn. Kokai Tokkyo Koho, 2001240598, 04 Sep 2001

L3 ANSWER 15 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1

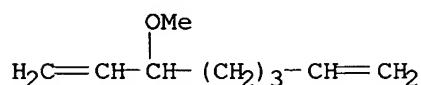
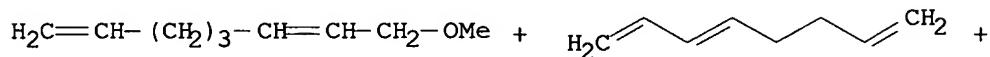
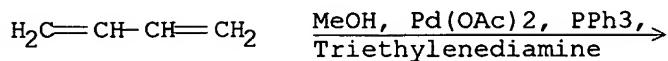


REF: Journal of Molecular Catalysis A: Chemical, 166(2), 233-242; 2001

NOTE: products and the ratio related cat

L3 ANSWER 16 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

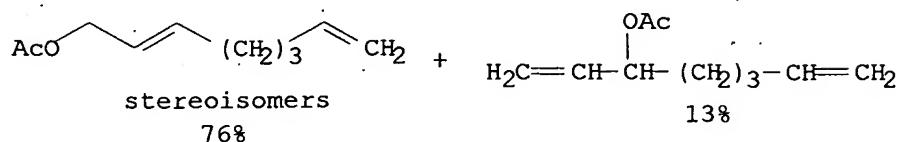
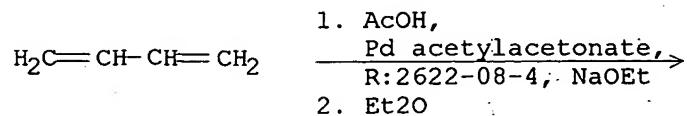
RX(1) OF 1



REF: Advanced Synthesis & Catalysis, 343(1), 29-33; 2001
NOTE: 80% conversion

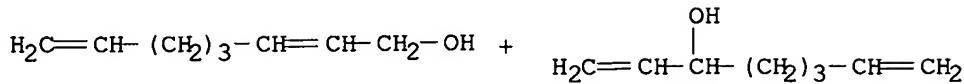
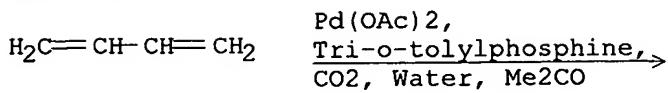
L3 ANSWER 17 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(5) OF 156



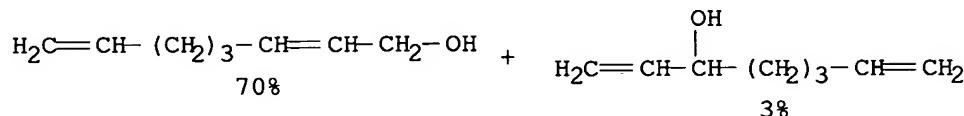
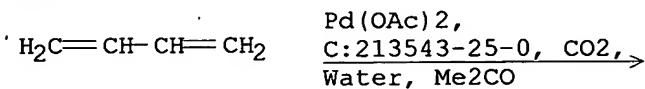
REF: European Journal of Organic Chemistry, (17), 2991-3000; 2000

RX(1) OF 1



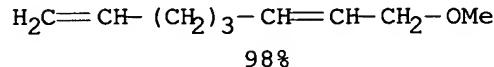
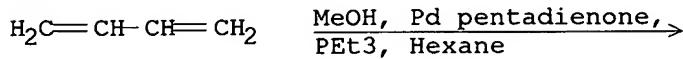
REF: Jpn. Kokai Tokkyo Koho, 11189556, 13 Jul 1999, Heisei
NOTE: 75.degree. for 3 h; 1,7-octadien-3-ol/2,7-octadiene-1-ol ratio
of 20.3

RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 10237082, 08 Sep 1998, Heisei

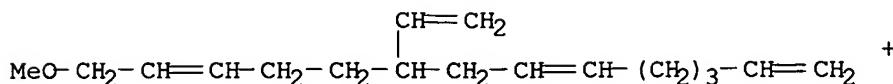
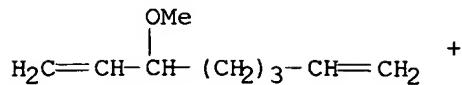
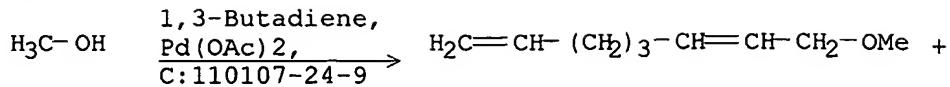
RX(1) OF 5



REF: Journal of Molecular Catalysis A: Chemical, 129(2-3), 179-189; 1998

NOTE: seeking to suppress trimer and dimer formation; excess alc. required, phosphine has little effect

RX(2) OF 2

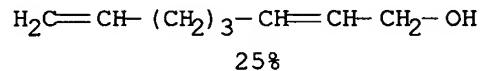
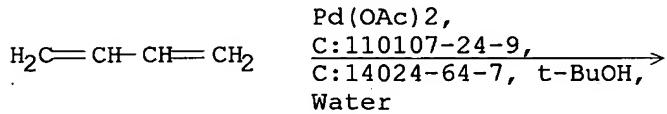


MULTI
PAGE
IMAGE

REF: Jpn. Kokai Tokkyo Koho, 09176051, 08 Jul 1997, Heisei
NOTE: heating to 90.degree. over 20 min and at 90.degree. for 30 min

L3 ANSWER 22 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

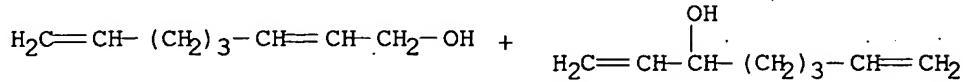
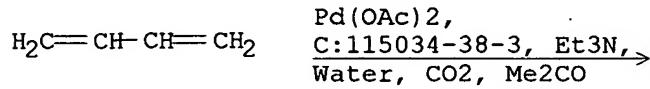
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 09059193, 04 Mar 1997, Heisei

L3 ANSWER 23 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

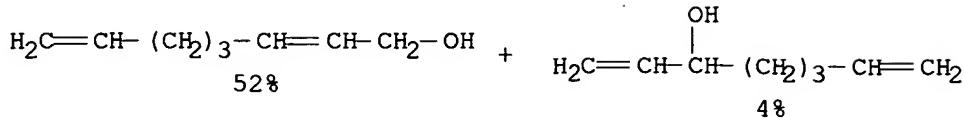
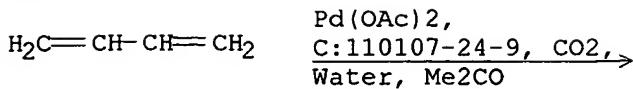
RX(1) OF 1



REF: Ger. Offen., 19547498, 27 Jun 1996

L3 ANSWER 24 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

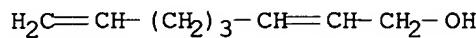
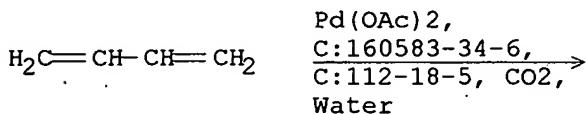
RX(1) OF 1



REF: Ger. Offen., 19523335, 04 Jan 1996

L3 ANSWER 25 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

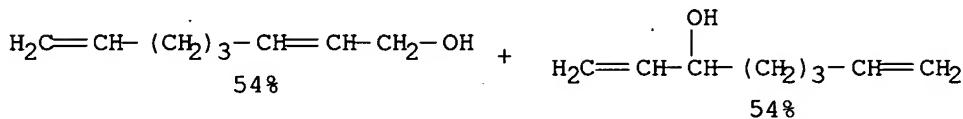
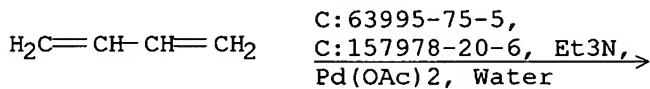
RX(1) OF 1



REF: PCT Int. Appl., 9530636, 16 Nov 1995

L3 ANSWER 26 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

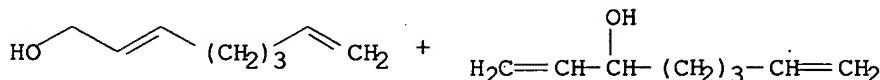
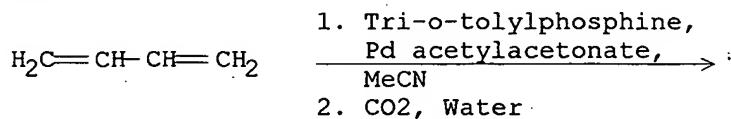
RX(1) OF 1



REF: PCT Int. Appl., 9526948, 12 Oct 1995

L3 ANSWER 27 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 3

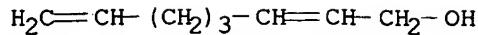
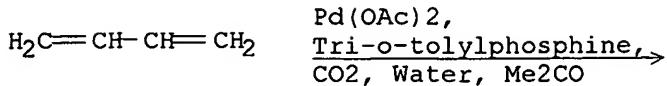


REF: Journal of the Chemical Society, Chemical Communications, (9), 931-2; 1995

NOTE: 27% OVERALL YIELD, NATURE OF CATALYST AND REACTION TEMP.
DETERMINE PRODUCT DISTRIBUTION

L3 ANSWER 28 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

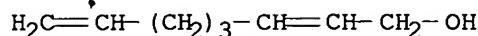
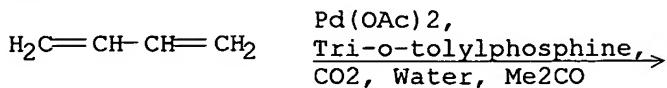
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 06287156, 11 Oct 1994, Heisei

L3 ANSWER 29 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

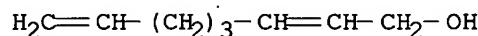
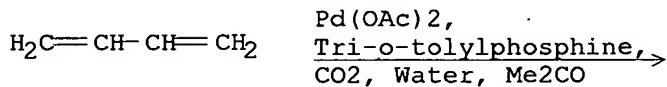
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 06287155, 11 Oct 1994, Heisei

L3 ANSWER 30 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

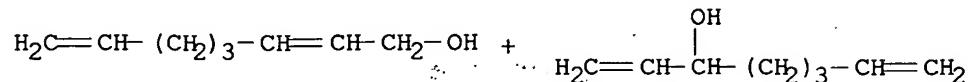
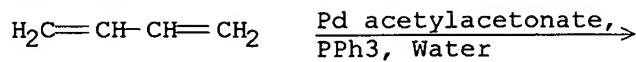
RX(1) OF 3



REF: Ger. Offen., 4410746, 06 Oct 1994

L3 ANSWER 31 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1

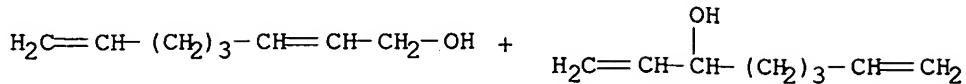
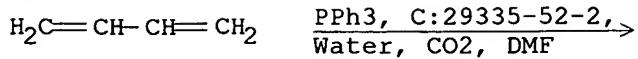


REF: PCT Int. Appl., 9400410, 06 Jan 1994

NOTE: CO₂ pressure 20 kg/cm²; 90.degree.

L3 ANSWER 32 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 1

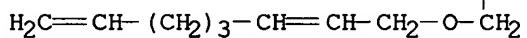
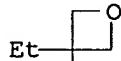
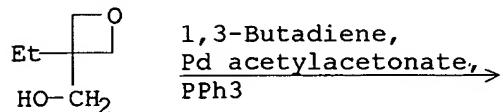


REF: Jpn. Kokai Tokkyo Koho, 05155795, 22 Jun 1993, Heisei

NOTE: 90.degree., 3 h; 78% butadiene conversion; 74% selectivity for 2, 4-octadienol.

L3 ANSWER 33 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 2

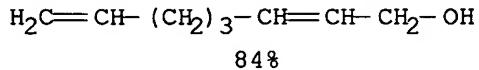
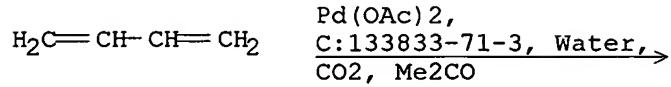


REF: Eur. Pat. Appl., 546422, 16 Jun 1993

NOTE: no solvent

L3 ANSWER 34 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

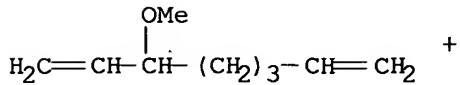
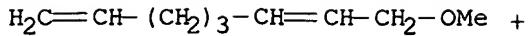
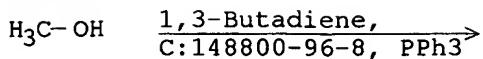
RX(1) OF 1



REF: Brit. UK Pat. Appl., 2260136, 07 Apr 1993

L3 ANSWER 35 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(2) OF 2

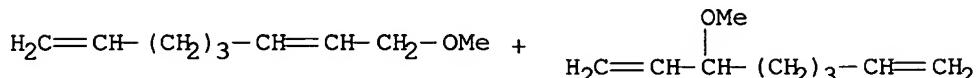
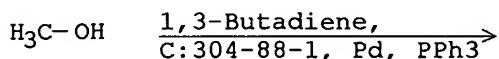


STRUCTURE
DIAGRAM
IS NOT
AVAILABLE
26952-74-9

REF: Jpn. Kokai Tokkyo Koho, 04327594, 17 Nov 1992, Heisei
NOTE: 60.degree. under N2

I-3 ANSWER 36 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

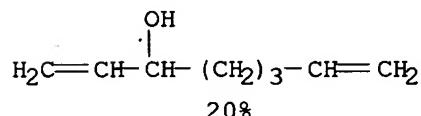
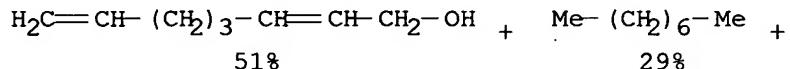
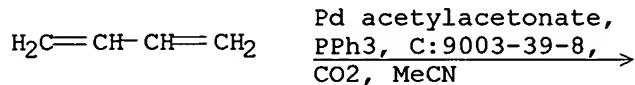
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 04327552, 17 Nov 1992, Heisei

L3 ANSWER 37 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

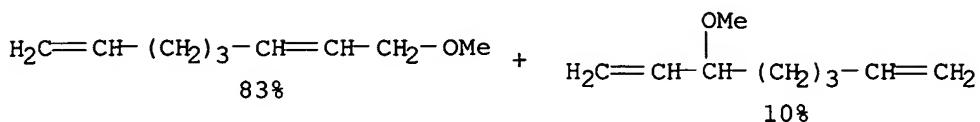
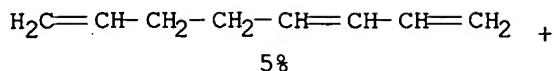
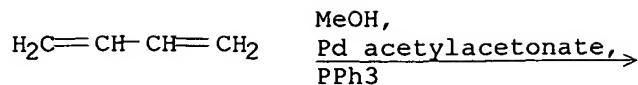
RX(1) OF 1



REF: U.S., 5169981, 08 Dec 1992

L3 ANSWER 38 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

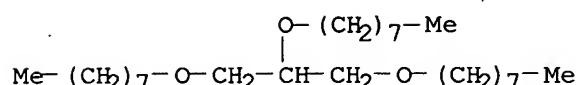
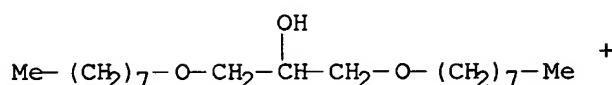
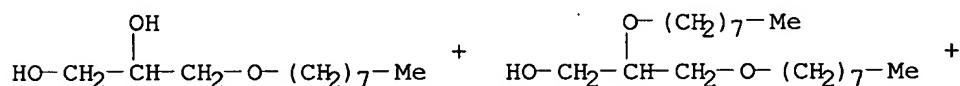
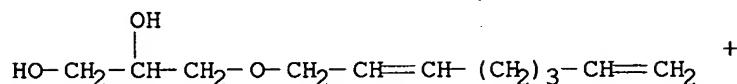
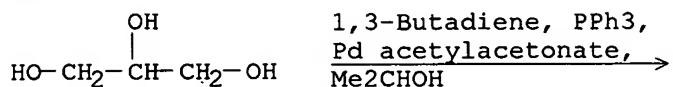
RX(1) OF 1



REF: Fenzi Cuihua, 6(2), 148-55; 1992

L3 ANSWER 39 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

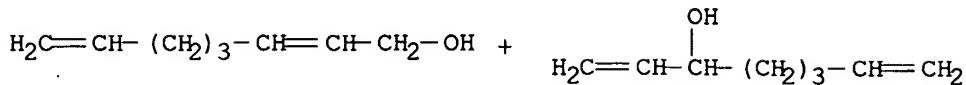
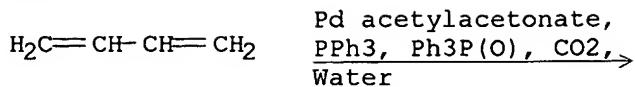
RX(1) OF 3



REF: Ger. Offen., 4021015, 09 Jan 1992

L3 ANSWER 40 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

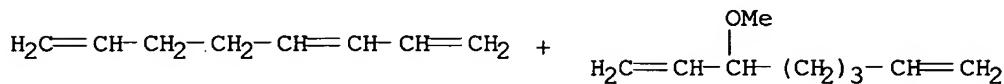
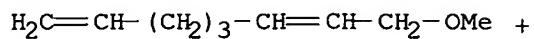
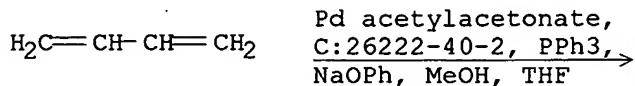
RX(1) OF 1



REF: Ger. Offen., 3925217, 31 Jan 1991
NOTE: 93% overall

L3 ANSWER 41 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

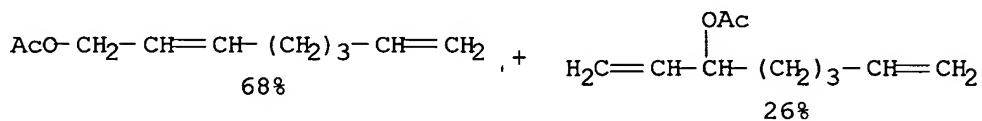
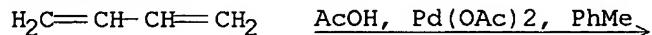
RX(10) OF 12



REF: Journal of Molecular Catalysis, 55(1-3), 340-52; 1989

L3 ANSWER 42 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

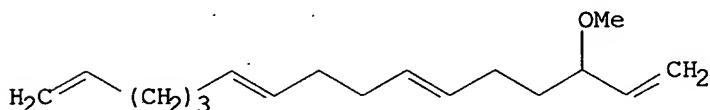
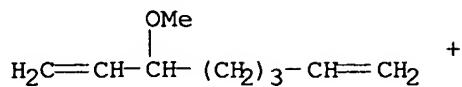
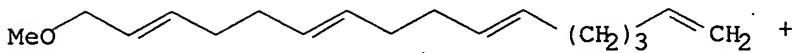
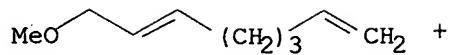
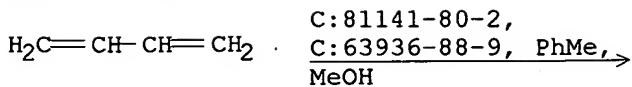
RX(14) OF 14



REF: Journal of Organic Chemistry, 54(11), 2726-30; 1989

L3 ANSWER 43 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

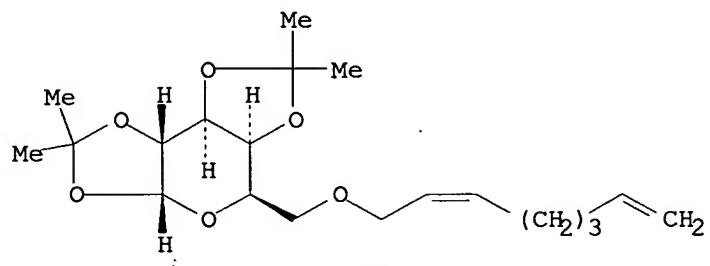
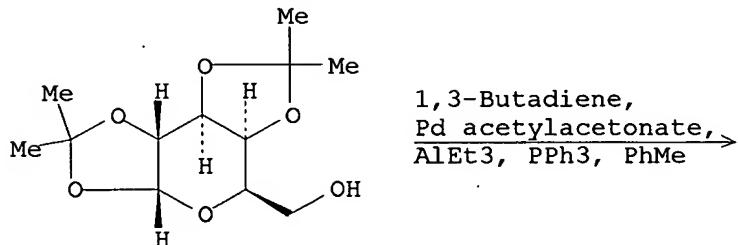
RX(1) OF 19



REF: Journal of Organic Chemistry, 54(10), 2459-62; 1989

L3 ANSWER 44 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

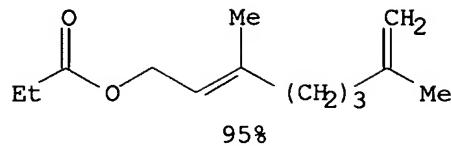
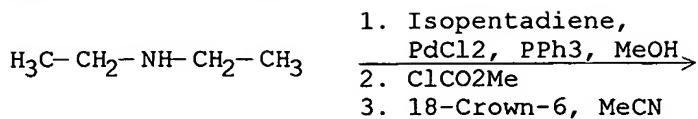
RX(1) OF 3



REE: Zhurnal Organicheskoi Khimii 24(1) 119-21, 1988

ANSWER 45 OF 68 CASEFACT © COPYRIGHT 2007 ACS OR STN

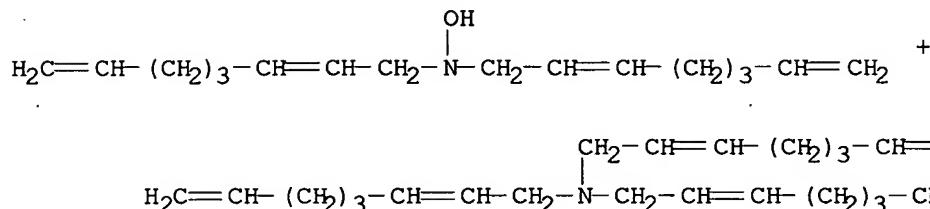
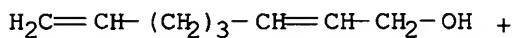
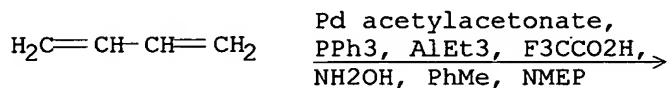
RX(6) OF 6 - 3 STEPS



REF: Zhurnal Organicheskoi Khimii, 23(11), 2297-9; 1987

L3 ANSWER 46 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 4

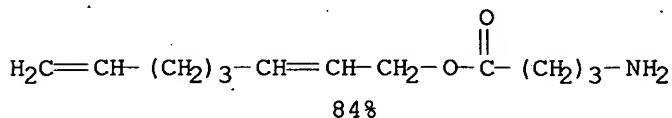
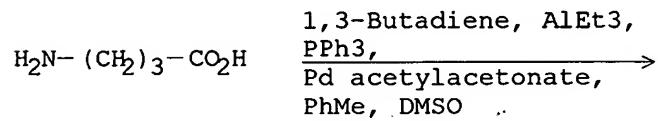


REF: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, (10), 2254-6; 1986

NOTE: overall yield 51%

L3 ANSWER 47 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

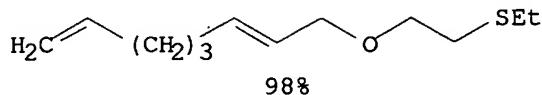
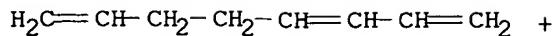
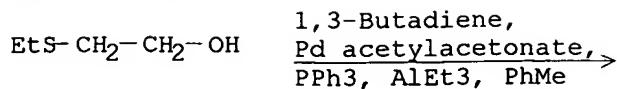
RX(15) OF 20



REF: Zhurnal Organicheskoi Khimii, 22(8), 1610-19; 1986

L3 ANSWER 48 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

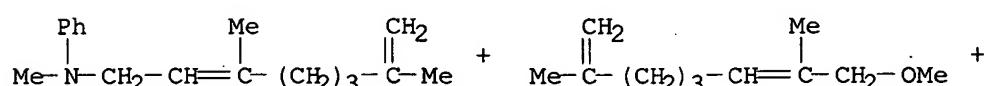
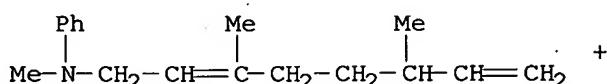
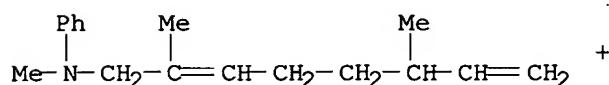
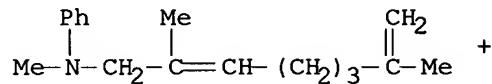
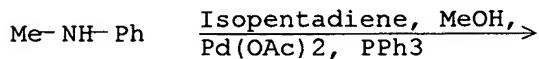
RX(1) OF 20



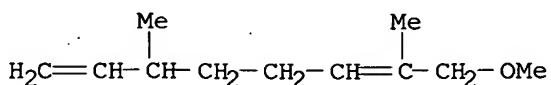
REF: Zhurnal Organicheskoi Khimii, 22(8), 1591-7; 1986

L3 ANSWER 49 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 14



RX(1) OF 14

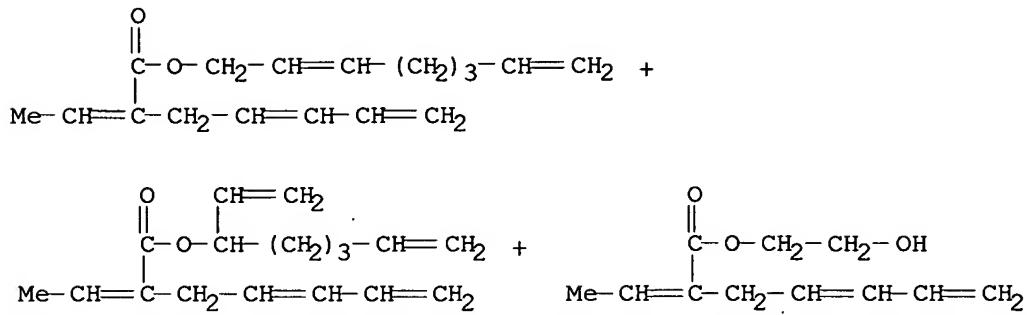
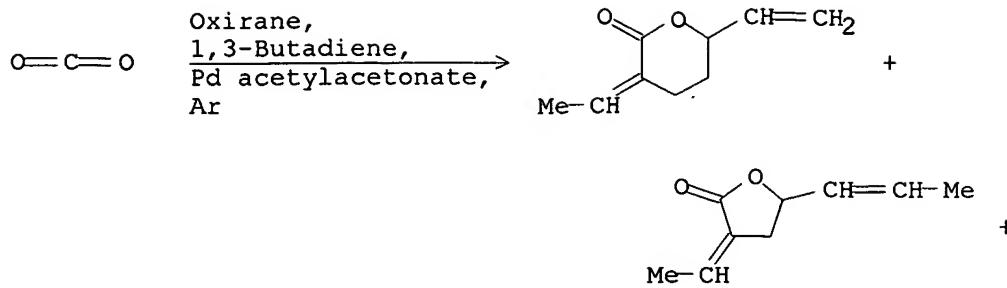


REF: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, (6), 1344-7;
1986

NOTE: or Pd(acac)₂

L3 ANSWER 50 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

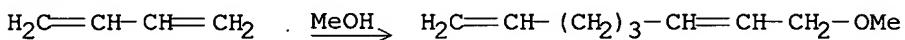
RX(1) OF 5



REF: Journal of Organometallic Chemistry, 309(1-2), 215-23; 1986

L3 ANSWER 51 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

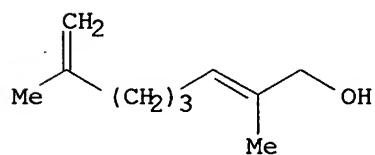
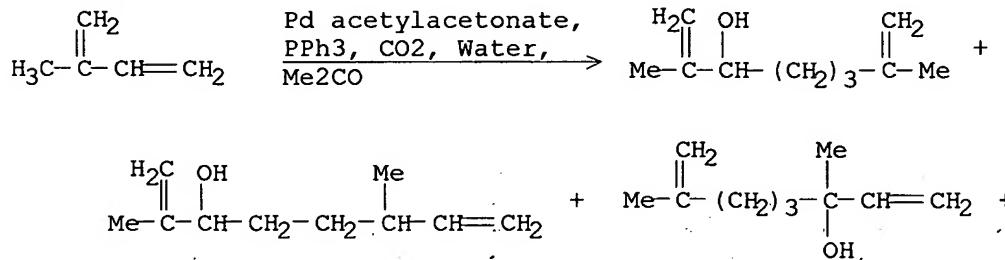
RX(1) OF 2



REF: U.S., 4642392, 10 Feb 1987

L3 ANSWER 52 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

RX(1) OF 5

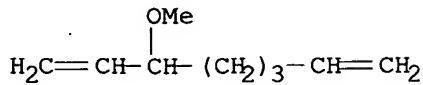
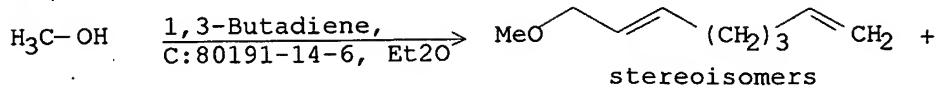


stereoisomers

REF: Zeitschrift fuer Chemie, 25(6), 226-7; 1985

L3 ANSWER 53 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

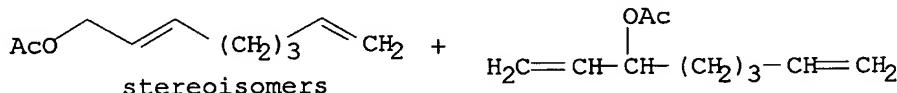
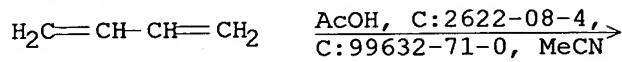
RX(14) OF 22



REF: Organometallics, 5(3), 473-81; 1986

L3 ANSWER 54 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

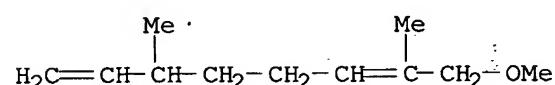
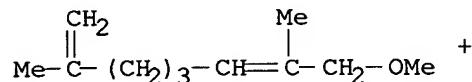
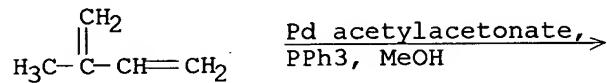
RX(8) OF 21



REF: Organometallics, 5(3), 514-18; 1986

L3 ANSWER 55 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

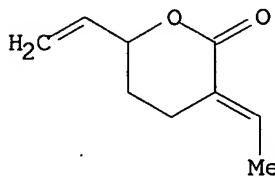
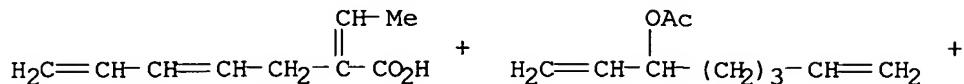
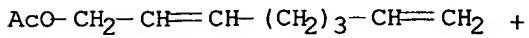
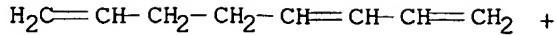
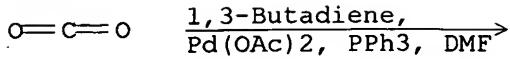
RX(1) OF 2



REF: Journal fuer Praktische Chemie (Leipzig), 327(4), 643-8; 1985

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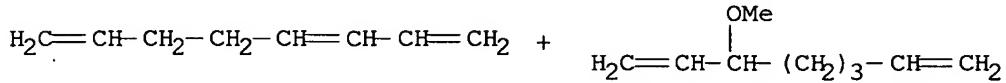
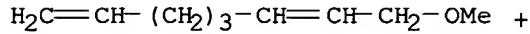
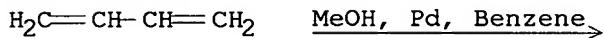
RX(2) OF 16



REF: Nippon Kagaku Kaishi, (3), 533-6; 1985

L3 ANSWER 57 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

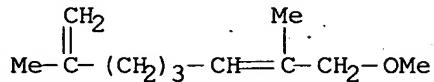
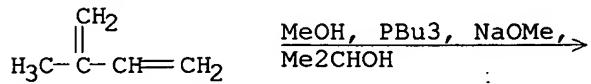
RX(7) OF 12



REF: Journal of Molecular Catalysis, 29(1), 99-104; 1985

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RX(3) OF 3



REF: Journal fuer Praktische Chemie (Leipzig), 326(5), 729-36; 1984

L3 ANSWER 59 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

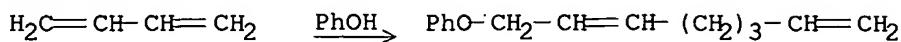
RX(1) OF 6



REF: U.S.S.R., 892851, 15 Jul 1982

L3 ANSWER 60 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

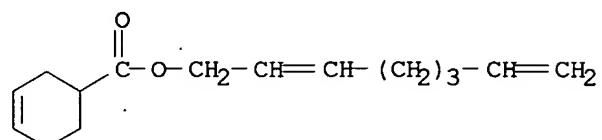
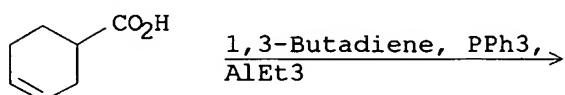
RX(1) OF 15



REF: Angewandte Chemie, 94(10), 796-7; 1982

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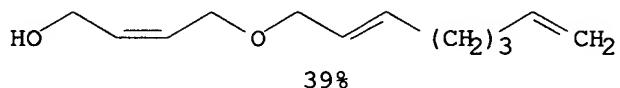
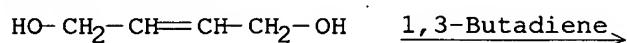
RX(1) OF 3



REF: Zhurnal Organicheskoi Khimii, 18(1), 46-52; 1982

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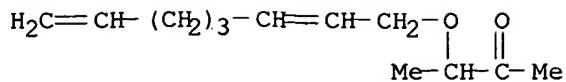
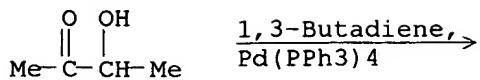
RX(11) OF 12



REF: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, (8), 1837-42; 1981

L3 ANSWER 63 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

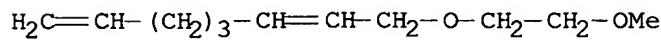
RX(5) OF 12



REF: Tetrahedron Letters, 21(39), 3787-90; 1980

L3 ANSWER 64 OF 68 CASREACT COPYRIGHT 2007 ACS on STN

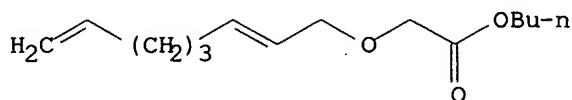
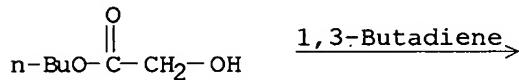
RX(1) OF 6



REF: Zhurnal Organicheskoi Khimii, 16(6), 1157-61; 1980

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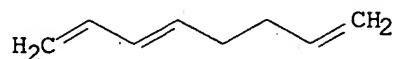
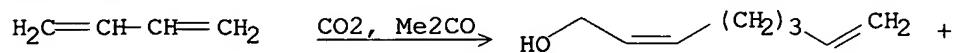
RX(2) OF 10



REF: Journal of Organometallic Chemistry, 137(3), 309-14; 1977

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RX(1) OF 1

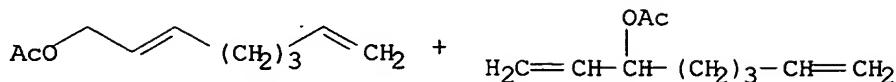
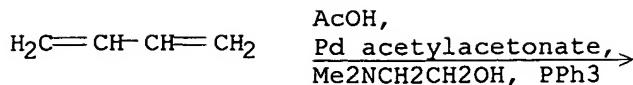


REF: Journal of the Chemical Society [Section] D: Chemical Communications, (7), 330; 1971

NOTE: Classification: C-Alkylation; Addition; Hydroxylation; # Conditions: CO_2 Pd complex acetone; 90 deg 2h; # Comments: 69% yield of 1-OH product, 13% yield of alkene; 10% yield of octadienyl esters

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RX(1) OF 1

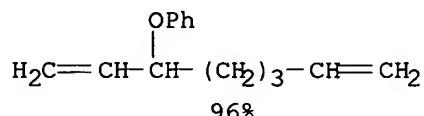
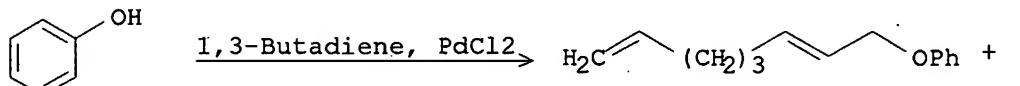


REF: Tetrahedron Letters, (43), 3817-20; 1970

NOTE: Classification: C-Alkylation; Regioselective; Addition;
Acetoxylation; # Conditions: Me₂NCH₂CH₂OH; PPh₃ Pd(acac)₂; #
Comments: 71% yield of 1-OAc product, 21% yield of 3-OAc product;
8% yield of alkene product

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RX(1) OF 4



REF: Journal of the American Chemical Society, 89(25), 6793-4; 1967

NOTE: Classification: Dimerisation; Addition; O-Alkylation; #
Conditions: PdCl₂ PhONa; 100 deg; # Comments: 91% of trans
product